



DRAFT

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

COSMOS CORPORATION
718-1, Katsurase-Cho
Matsusaka-shi, Mie 515-1104 JAPAN
Kohei Hasegawa(Authorized Representative) +81 596 63-0777
emc-center@osmos-corp.com
Hiroshi Ikeyama (Deputy Authorized Representative) +81 596 37 0190
quality@cosmos-corp.com

ELECTRICAL

Valid To: September 30, 20xx

Certificate Number: 2900.01.

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform tests:

Test:

Radiated Emissions

Test Method:

CISPR11, AS/NZS:CISPR11, EN 55011
ICES-001
CISPR14-1, AS/NZS:CISPR14-1,
EN 55014-1, J 55014-1
CISPR22, AS/NZS:CISPR22,
EN 55022, J 55022
CFR47, FCC Part 15 SubpartB
ICES-003
IEC61326-1, EN61326-1
IEC60601-1-2, EN60601-1-2
IEC61000-6-3, EN61000-6-3
IEC61000-6-4, EN61000-6-4
CISPR25

Conducted Emissions

2004/104/EC (Annex VII/Annex VIII)
ECE Reg.10 (Annex VII/Annex VIII)
Ford: ES-XW7T-1A278-AC (RE310)
Chrysler: DC-11224 (6.4)
GM: GMW3097 (3.3.1)
CISPR11, AS/NZS:CISPR11, EN 55011
ICES-001
CISPR14-1, AS/NZS:CISPR14-1,
EN 55014-1, J 55014-1
CISPR22, AS/NZS:CISPR22,
EN 55022, J 55022
CFR47, FCC Part 15 SubpartB

Test:

Conducted Emissions (continued)

Disturbance Power

Harmonics

Flicker

Immunity (General)

Electrostatic Discharge (ESD)

Radiated Disturbances Immunity

Test Method:

ICES-003

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

IEC61000-6-3, EN61000-6-3

IEC61000-6-4, EN61000-6-4

CISPR25

2004/104/EC (Annex VII/Annex VIII)

ECE Reg.10 (Annex VII/Annex VIII)

Ford: ES-XW7T-1A278-AC (CE420)

Chrysler: DC-11224 (6.2, 6.3)

GM: GMW3097 (3.3.2)

CISPR14-1, AS/NZS:CISPR14-1

EN 55014-1, J 55014-1

IEC61000-3-2, EN61000-3-2

JIS C61000-3-2

IEC61000-3-3, EN61000-3-3

CISPR14-2, EN55014-2

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

EN 61000-4-2

IEC 61000-4-2

ISO 10605 (2008)

ISO 10605 (2001)

J1113-13

ES-XW7T-1A278-AC (CI 280)

GMW3097 (2006) Sections 3.6.1, 3.6.2, 3.6.3

JIS C61000-4-2

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2,

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

IEC61000-4-3, EN61000-4-3

JIS C61000-4-3

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2,

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

Test:

First Transient Burst

Surge

Conducted Disturbances Immunity

Magnetic Field

Voltage Variations

Conducted Transient Emission

Test Method:

IEC61000-4-4, EN61000-4-4

JIS C61000-4-4

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2,

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

IEC61000-4-5, EN61000-4-5

JIS C61000-4-5

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2,

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

IEC61000-4-6, EN61000-4-6

JIS C61000-4-6

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2,

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

IEC61000-4-8, EN61000-4-8

JIS C61000-4-8

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2,

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

IEC61000-4-11, EN61000-4-11

JIS C61000-4-11

CISPR24, EN55024

IEC61000-6-1, EN61000-6-1,

JIS C61000-6-1

IEC61000-6-2, EN61000-6-2,

JIS C 61000-6-2,

IEC61326-1, EN61326-1

IEC60601-1-2, EN60601-1-2

ISO16750-2 (4.6.3)

ISO7637-2 (4.3)

2004/104/EC (Annex X)

ECE Reg.10 (Annex X)

Ford: ES-XW7T-1A278-AC (CE410)

Chrysler: DC-11224 (6.5)

GM: GMW3097 (3.5.1)

Test:

Radiated Disturbance Immunity

Bulk Current Injection (BCI)

Magnetic Field Immunity
Transient Immunity

Test Method:

ISO11452-2
ISO11452-3
SAE J1113-21
SAE J1113-24
Ford: ES-XW7T-1A278-AC (RI114)
GM: GMW3097 (3.4.2)
Chrysler: DC-11224 (7.3, 7.4 ,7.5)
2004/104/EC (Annex IX 4.1, 4.2)
ECE Reg.10 (Annex IX 4.1, 4.2)
ISO11452-4
SAE J1113-3
Ford: ES-XW7T-1A278-AC (RI112)
GM: GMW3097 (3.4.1)
Chrysler: DC-11224 (7.2)
ECE Reg.10 (Annex IX 4.3)
2004/104/EC (Annex IX 4.3)
Ford: ES-XW7T-1A278-AC (RI140)
ISO7637-2 (4.4, 5.6.1 - 5.6.5)
ISO7637-3 (3.4.2, 3.4.3, 3.4.4)
J1113-11
ES-XW7T-1A278-AC (CI220)
DC-11224 (2007/06), Section 9.1, 9.2
DC-10614
GMW3097 (2006) Sections 3.5.2, 3.5.3, 3.5.4, 3.5.5
ECE Reg.10 (Annex X)
2004/104/EC (Annex X)

Table-B

Types of products, materials, and/or industry that the laboratory tests:

Telecommunications Terminal Equipment (TTE), Radio Equipment, Network Equipment, Information Technology Equipment (ITE)

Automotive Electronic Equipment, Maritime Navigation and Radiocommunication Equipment and Systems, Vehicles, Boats and Internal Combustion Engine Driven Devices

Medical Electrical Equipment, Motors, Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment, Household Appliances, Electric Tools, Low-voltage Switchgear and Controlgear, Programmable Controllers, Electrical Equipment for Measurement, Control and Laboratory Use